

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: D. Brian Ballard

GENERAL INFORMATION:

Name: Trinity Marine Products, Inc.
Address: 700 Terrace Lane, Paducah KY 42003
Date application received: July 27, 2003
SIC/Source description: 3089/Plastic Products
EIS #: 021-145-00040
Application log number: 51525
Permit number: V-04-016

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

☐ Acid rain source
☐ Source subject to 112(r)
☐ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☒ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☒ Certified by responsible official
☒ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM ₁₀	3.01	79.22
SO ₂	0.688	7.85
NO _x	0.478	4.87
CO	0.096	1.02
VOC	48.13	390.07
LEAD	8.19 E-08	8.19 E-08
Styrene (100425)	48.08	389.87
Methyl Ethyl Ketone (1338234)	0.018	0.164
Methyl Methacrylate (80626)	0.007	0.015

SOURCE PROCESS DESCRIPTION:

Trinity Marine Products, Inc. is a fiberglass parts manufacturing plant involved primarily in the construction of barge and railcar covers. The production process takes place in a large open building with the molds arranged in a line the length of the building. The emissions escape through ventilation ports located on the side of the building near the bottom of the wall. The ventilation ports are equipped with fiber filter and screens. The production process takes place approximately 10 feet from any ventilation port.

EMISSION AND OPERATING CAPS DESCRIPTION:

Emission limitation of 225.0 tons of VOC per rolling 12 month average.

OPERATIONAL FLEXIBILITY:

NA